What is claimed is:

1.   A method for dynamic resource mapping (DRM), comprising:

receiving a DRM request for an application resource, including a

5   process or data handler, from a user;

selecting a suitable DRM client from among plural registered DRM

clients having the application resource to support the user request; and

providing an address corresponding to the application resource on the

selected DRM client to the user.

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2.   The method according to claim 1, further comprising accepting a DRM

registration of a DRM supported client.

3.   The method according to claim 2, wherein the step of accepting a DRM

15   registration is accomplished with a DRM server.

4.   The method according to claim 3, wherein the DRM server receives

DRM client information.

20   5.   The method according to claim 4, wherein the client information is

which client servers are operating.

6.   The method according to claim 1, further comprising determining

which DRM client is most suitable to support the request.

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7.   The method according to claim 6, wherein the step of determining is based upon a client performance characteristic.

8.   The method according to claim 7, wherein the characteristic is based

5   on processing speed.

9.   The method according to claim 1, further comprising monitoring the application resource to ensure its operability.

10   10.   The method according to claim 9, further comprising polling by the DRM server to the application resource to obtain operability status.

11.   The method according to claim 9, further comprising polling by the application resource to the DRM server to obtain operability status.

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12.   The method according to claim 11, further comprising denying a request for the application resource based upon non-operability of the application resource.

20   13.   A dynamic resource mapping (DRM) server component, comprising:

    a client side DRM process for collecting machine specific performance characteristics;

    a client/server protocol to allow communication of machine specific process characteristics between the DRM server component and the client side

25   DRM process; and

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a DRM protocol to allow a client to request an application resource by name and the DRM server to return a selected address of a client, the selection made based upon collected machine specific performance characteristics of at least one client.

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14.   The system according to claim 13, wherein the DRM server grants a request to the application resource based upon its operability.

15.   The system according to claim 14, wherein the operability of the

10   application resource is determined by the DRM server polling the application resource.

16.   A dynamic resource mapping system (DRM) server component, comprising:

15   means for receiving a DRM request for an application resource, including a process or data handler, from a user;

means for selecting a suitable DRM client from among plural registered DRM clients having the application resource to support the user request; and

20   means for providing an address corresponding to the application resource on the selected DRM client to the user.

17.   The system according to claim 16, further comprising means for accepting a DRM registration of a DRM supported client.

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18.   The system according to claim 16, further comprising means for determining which DRM client is most suitable to support the request.

19.   The system according to claim 18, wherein the means determining is
5   based upon a client performance characteristic.

20.   The system, according to claim 19, wherein the characteristic is based on processing speed.

10   21.   The system according to claim 16, further comprising means for monitoring the application resource to ensure its operability.

22.   The system according to claim 21, further comprising means for polling by the DRM server to the application resource to obtain operability
15   status.